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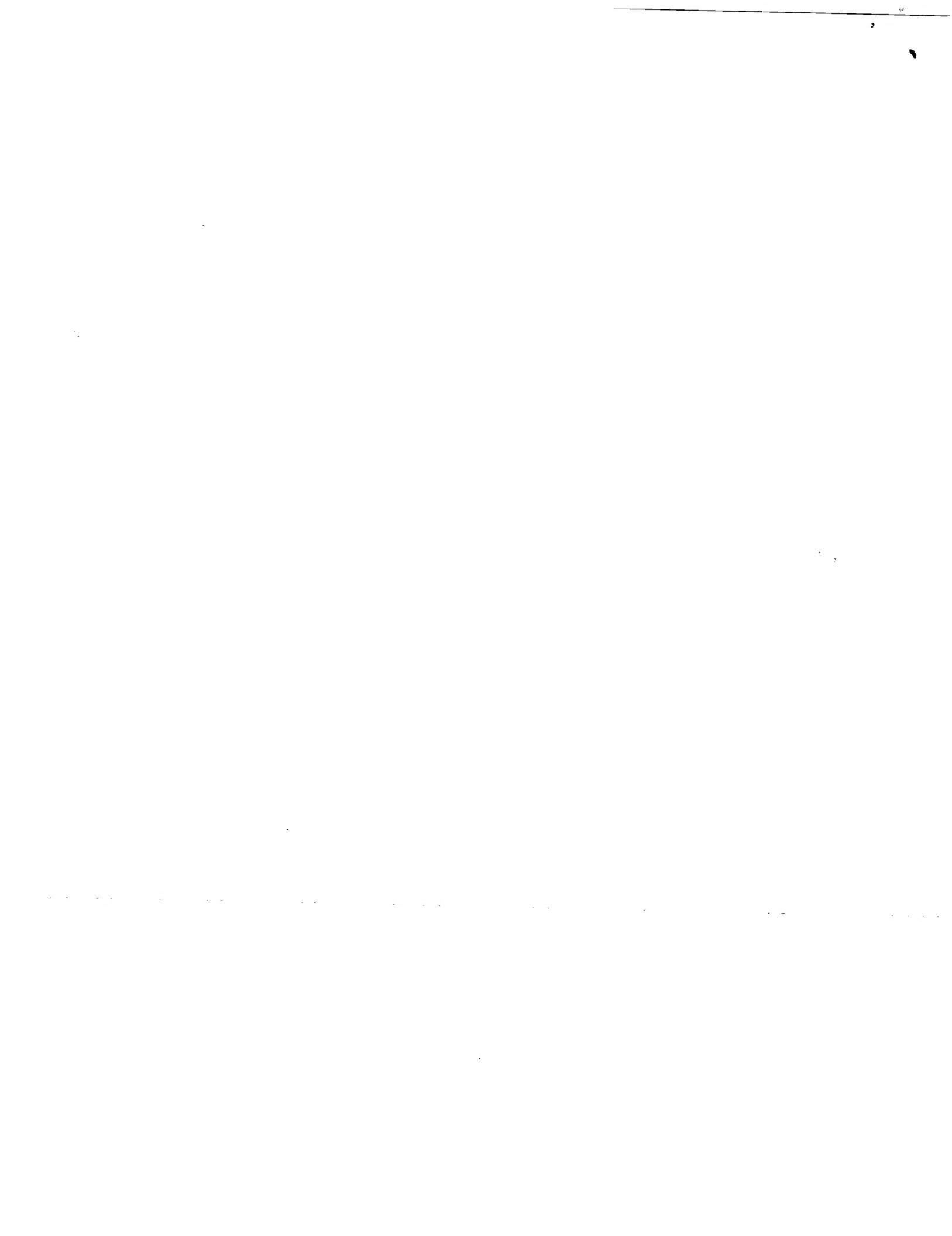
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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(54) Title: UREA DERIVATIVES AS INHIBITORS OF CCR-3 RECEPTOR

(57) Abstract: Urea and amide derivatives inhibit cell function of the chemokine receptor CCR-3. These compounds offer an effective means for treating a range of diseases thought to be mediated by the CCR-3 receptor. A variety of useful urea and amide derivatives can be synthesized using liquid and solid-phase synthesis protocols.



FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-48 (all in part)

Present claims 1 to 48 relate to an extremely large number of possible compound. Support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT is to be found, however, for only a very small proportion of the compounds claimed. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Consequently, the search has been carried out for those parts of the claims which appear to be supported and disclosed, namely those parts relating to the compounds prepared in the examples.

The scope of the claims 25 and 43, in as far as the expression prodrug is concerned, is so unclear (Article 6 PCT) that a meaningful International Search is impossible with regard to this expression.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORTonal application No.
PCT/US 02/02280**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 20-25, 27-30, 38-43 and 45-48 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

2. Claims Nos.: 1-48 (all in part)
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Ir Application No
PC1/US 02/02280

| A. CLASSIFICATION OF SUBJECT MATTER | | | | | |
|-------------------------------------|------------|------------|------------|------------|------------|
| IPC 7 | C07C275/24 | C07C233/40 | C07C235/34 | C07C235/78 | C07C323/62 |
| | C07D317/62 | A61K31/17 | A61K31/165 | A61P37/00 | |

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|--|
| P, X | WO 01 09088 A (KIRIN BEER) 8 February 2002 (2002-02-08) claims; examples ---- | 1-7, 19-30 |
| A | EP 0 903 349 A (F. HOFFMANN-LA ROCHE) 24 March 1999 (1999-03-24) claims; examples ---- | 1, 8, 16, 19, 20, 26, 27, 30, 31, 37, 38, 44, 45, 48 -/- |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

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| Date of the actual completion of the international search | Date of mailing of the international search report |
| 17 September 2002 | 26/09/2002 |
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INTERNATIONAL SEARCH REPORT

In:

Application No

PCT/US 02/02280

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|---|
| A | WO 00 53172 A (SMITHKLINE BEECHAM) 14 September 2000 (2000-09-14) claims; examples --- | 1,8,16, 19,20, 26,27, 30,31, 37,38, 44,45,48 |
| A | WO 00 41685 A (SMITHKLINE BEECHAM) 20 July 2000 (2000-07-20) claims; examples ----- | 1,8,16, 19,20, 26,27, 30,31, 37,38, 44,45,48 |

INTERNATIONAL SEARCH REPORT

In Application No
PCT/US 02/02280

| Patent document cited in search report | Publication date | | Patent family member(s) | Publication date |
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| WO 0109088 | A 08-02-2001 | AU EP WO | 6339200 A 1200395 A1 0109088 A1 | 19-02-2001 02-05-2002 08-02-2001 |
| EP 903349 | A 24-03-1999 | AU BR CA CN CZ DE EP ES FR GB HR HU IT JP JP NO NZ PL SG TR US US ZA | 744059 B2 8080098 A 9803179 A 2245043 A1 1211572 A 9802566 A3 19837386 A1 0903349 A2 2154167 A1 2767826 A1 2330580 A 980450 A1 9801887 A2 MI981902 A1 3014367 B2 11147872 A 983749 A 331319 A 328049 A1 70110 A1 9801594 A2 6323223 B1 6339087 B1 9807448 A | 14-02-2002 25-02-1999 28-03-2000 18-02-1999 24-03-1999 17-03-1999 25-02-1999 24-03-1999 16-03-2001 05-03-1999 28-04-1999 30-06-1999 28-06-1999 18-02-2000 28-02-2000 02-06-1999 19-02-1999 27-03-2000 01-03-1999 25-01-2000 22-03-1999 27-11-2001 15-01-2002 22-01-1999 |
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